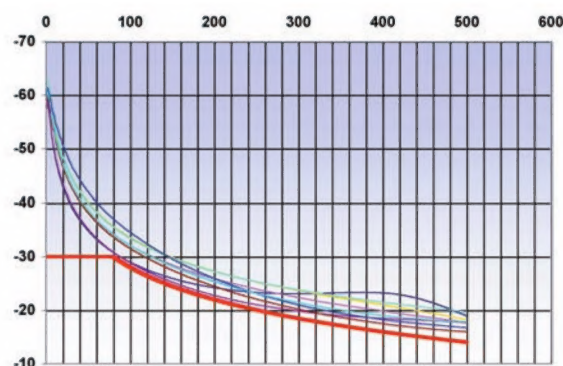


## Augmented Category 6 Unshielded RJ-45 Keystone Jacks

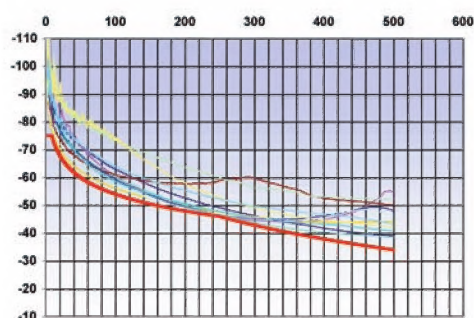
Transmission and Electrical Specifications								
FREQ.	Insertion Loss	NEXT	FEXT	RL	TCL	ELTCTL	PS ANEXT	PS AFEXT
MHz	dB	dB	dB	dB	dB	dB	dB	dB
	Max	Min	Min	Min	Min	Min	Min	Min
1.00	0.1	75.0	75.0	30.0	40.0	40.0	67.0	67.0
4.00	0.1	75.0	71.1	30.0	40.0	40.0	67.0	67.0
8.00	0.1	75.0	65.0	30.0	40.0	40.0	67.0	67.0
10.00	0.1	74.0	63.1	30.0	40.0	40.0	67.0	67.0
16.00	0.1	69.9	59.0	30.0	40.0	40.0	67.0	67.0
25.00	0.1	66.0	55.1	30.0	40.0	40.0	67.0	67.0
31.25	0.1	64.1	53.2	30.0	38.1	38.1	67.0	67.0
62.50	0.16	58.1	47.2	30.0	32.1	32.1	67.0	67.0
100.00	0.20	54.0	43.1	28.0	28.0	28.0	67.0	67.0
200.00	0.28	48.0	37.1	22.0	22.0	22.0	64.5	61.0
250.00	0.32	46.0	35.1	20.0	20.0	20.0	62.5	59.0
300.00	0.35	42.9	33.6	18.5	18.5	18.5	61.0	57.5
400.00	0.40	37.9	31.1	16.0	16.0	16.0	58.5	55.0
500.00	0.45	34.0	29.1	14.0	14.0	14.0	56.5	53.0

Typical Return-Loss at the component-level

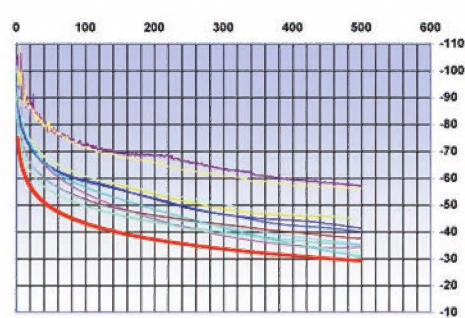


Propagation Delay	2.5 nS max @ 1-500 MHz
Propagation Delay Skew	1.25 nS max @ 1-500 MHz
Current rating	1.5 A max.
Contact resistance	20 mOhm max (per contact)
Input/Output resistance	200 mOhm max
Input/Output resistance Unbalance	50 mOhm max
Voltage rating	72 Vdc max.
Dielectric strength	1000 Volts rms for 1 minute
Insulation Resistance	500 MegaOhm min @ 500 Vdc
DC Resistance	0.1 Ohm max @ 20C
Coupling attenuation	35 dB @ 30 - 100 MHz 35-20log(f/100) dB @ 100 - 1000 MHz

Typical NEXT-Loss at the component-level



Typical FEXT-Loss at the component-level



### Ordering Information

HCS P/N	Description	Blocks	T568
J6A-00811	8P8C RJ-45 Unshielded Augmented Category 6 Keystone Jack	110 IDC	B
J6A-00812	8P8C RJ-45 Unshielded Augmented Category 6 Keystone Jack	110 IDC	A
J6A-00813	8P8C RJ-45 Unshielded Augmented Category 6 Keystone Jack	110 IDC	UNI